



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

*** *** ***



AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

Case Vehicle (A): 1998 Toyota
Type: Camry LE, 4-door sedan
Driver: 73-year-old male
CDC: 12-FREE-2, 12-FLEE-1

SITUATION

(Slides 1, 2) On a snowy day, case vehicle (A) was traveling east in the east lane of a two-lane asphalt road, and was approaching a left curve in a rural area. Case vehicle (A) was traveling at an unknown speed and the road was covered with snow and ice. Due to the slippery road conditions, the driver lost control of the vehicle as it began to enter the left curve. (Slide 3) Case vehicle (A) left the south edge of the roadway, crossed a private drive, and entered a deep ditch. (Slide 4) It traveled approximately 27 meters off the road where it struck a curve sign with its left-front corner. The curve sign was located three meters south of the road edge. (Slides 5, 6, 7 and 8) After contacting the sign, case vehicle (A) continued to travel east approximately 48-meters where it struck a tree with its right-front corner. Case vehicle (A) came to rest facing east against the tree.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slides 9, 10) The direct damage to the front of case vehicle (A) from the primary impact with the tree began at the right-front bumper corner and extended 40 cm across the front, resulting in 26 percent vehicle overlap. The maximum crush was 23 cm to the front bumper corner, and extended 43-cm rearward along the right fender. (Slide 11) The direct damage to the left-front corner of case vehicle (A) from the secondary impact with the sign began at the left-front bumper corner and extended 15 cm across the front, resulting in 12-percent vehicle overlap. The maximum crush was 20-cm rearward along the left fender.

Using the WinSMASH accident-reconstruction program and c-values measured for (slides 12, 13, 14 and 15) case vehicle (A), the impact severity was calculated for the primary frontal impact with the tree:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	21 (13)	-21 (-13)	-4 (2)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

(Slide 16) The front bumper was damaged and both headlight assemblies were broken. The hood was crushed, the right hood hinge was deformed but not separated, and the rear edge of the hood was elevated. The hood did not contact the windshield, and there was no damage to the hood latch or the left hood hinge.

(Slide 17) On the right side, the fender was damaged. The right-front wheel was damaged and the right wheelbase was reduced by 4 cm. (Slide 18) There was no other damage to the right side.

(Slides 19, 20) On the left side, the fender was damaged from the impact with the sign. There was no other damage to the left side and no change in the left wheelbase. (Slide 21) There was no damage to the rear of case vehicle (A).

Interior

(Slides 22, 23) This vehicle was equipped with steering-wheel and passenger frontal-impact airbags, which deployed, probably during the primary impact with the tree. There was no damage to the airbags, and there were no visible contact marks on the airbag skins. There was blood on the passenger frontal-impact airbag skin. (Slides 24, 25) There was no damage to the steering-wheel rim and no rotation of the steering column. (Slide 26) There was a crack in the right portion of the windshield due to passenger contact. (Slide 27) There was no damage to the left side of the upper and mid portions of the instrument panel, and there was no damage to the knee bolster. (Slide 28) There was no damage to the center vertical console or the glove

compartment area, (slide 29) although scuff marks indicate that the passenger contacted the glove box and the lower panel to the left of the glove box. (Slide 30) There were scuff marks on the right-front portion of the headlining, windshield header, and sunvisor due to passenger contact, but there was no visible damage to these components. (Slide 31) There was no damage to the right-front door panel, but there were scuff marks on the door armrest. There was no other interior damage and no intrusions were noted.

OCCUPANT KINEMATICS AND INJURIES

(Slide 32) The 73-year-old, 5-ft, 10-in, 170-lb male driver was wearing the available three-point belt, and the airbag deployed. (Slide 33) The shoulder-belt anchor point was adjusted to the low position on the B-pillar, and the driver reportedly had the seat adjusted to a mid-track seating position. (Slide 34) Webbing imprints on the plastic D-ring indicate belt use at the time of the crash.

During the impact with the ditch, the driver moved forward into the belt and airbag restraints, and possibly upward due to the uneven terrain that was being traversed. During the impact with the tree, the driver moved further forward and slightly to the right. (Slide 35) He sustained contusions around both eyes and cheeks, and a fracture to his nose, probably from contact by the deploying airbag. He sustained a thoracic strain from the impact forces, and an abrasion to his left elbow, possibly from contact with the side door interior. In addition, he sustained contusions to the left and right posterior areas of his forearms, possibly from contact with the steering wheel. He sustained contusions across his abdomen, probably from loading by the lap portion of the three-point belt.

(Slide 36) The 73-year-old, 5-ft, 6-in, 138-lb, right-front female passenger was *not* wearing the available three-point belt and the airbag deployed. (Slide 37) There was no physical evidence of belt use on the D-ring, belt webbing, or latch plate, and the webbing was locked into the retractor in the fully retracted position, indicating that the belt was not being used at the time of the crash. Due to the multiple impacts, off-road travel of the vehicle, and not using a seat belt, it is likely that she was not in the normal seated position when the airbag deployed during the impact with the tree. On impact with the tree, it appears that she struck her head on the header/visor as evidenced by (slides 38, 39, 40) a 4-cm area of skin and hair on the header and a 19-cm scuff

mark on the visor. She sustained numerous brain injuries, including intraventricular hemorrhage of the occipital horns of both lateral ventricles, and subarachnoid hemorrhages involving the interpeduncular fossa, suprasellar cistern, and one sulcus along the right cerebral convexity. These injuries probably resulted from head contact with the header/visor, although they may also have been caused by head accelerations induced by the airbag deployment. She also sustained a contusion to her forehead, an abrasion to her right cheek, and she lost consciousness for less than ten minutes, probably from contact with the header/visor, but possibly from contact by the deploying airbag.

The right-front passenger also sustained a right-side nerve root avulsion from C4-C7, with associated movement of the spinal cord to the left intraspinal canal from C4 to T2 (brachial plexus). This resulted in complete paralysis of her right arm. This injury is believed to have resulted from stretching and twisting of the neck and shoulder plexus, due to head contact with the header/sunvisor and shoulder contact with the windshield, and possibly from airbag loading of the head and/or torso. She also sustained a transversarium fracture to the right anterior foramen of C6, and a fracture to the right transverse process of C7, probably from lateral bending and twisting of the neck due to head contact with the header/visor, and/or possibly from airbag loading to the head. (Slide 41) She sustained a fracture to the right medial aspect of the first rib, possibly from contact by the deploying airbag or contact with the vehicle interior.

(Slide 42) She sustained comminuted distal fractures with dislocation of the third and fourth metacarpals of the right hand, and a 5-cm laceration involving the flexor tendon of the right hand between the third and fourth digits. These injuries may have been caused by contact by the deploying airbag module door and/or the airbag. (Slide 43) She sustained an abrasion to her right hip, probably from contact with the side door armrest, as indicated by a 5-cm scuff mark on the armrest. (Slides 44, 45) She sustained abrasions to her left and right knees, from contact with the glove compartment, as indicated by a 16-cm scuff mark to the panel.

The following tables and attached drawings (slides 46, 47) summarize the injuries for the two occupants.

Occupant: Driver
 Restraints: 3-point belt worn; airbag deployed

Age: 73 years
 Stature: 178 cm (5 ft, 10 in)

Sex: Male
 Mass: 77 kg (170 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusions, around left eye	1		Airbag	
Contusions, around right eye	1		Airbag	
Contusions, left cheek	1		Airbag	
Contusions, right cheek	1		Airbag	
Fracture, nose	1		Airbag	
Strain, thoracic spine	1		Impact forces	
Contusions, left posterior forearm	1			Steering wheel
Contusions, right posterior forearm	1			Steering wheel
Abrasion, left elbow	1			Side door interior
Contusions, across abdomen	1		Lap belt	
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>3</u>			

Occupant: Right front
 Restraints: 3-point belt *not* worn; airbag deployed

Age: 73 years
 Stature: 168 cm (5 ft, 6 in)

Sex: Female
 Mass: 63 kg (138 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Intraventricular hemorrhage, occipital horns of both lateral ventricles	4		Header/visor	Airbag
Subarachnoid hemorrhage involving the interpeduncular fossa, suprasellar cistern, and one sulcus along the right cerebral convexity	3		Header/visor	Airbag
Loss of consciousness, less than 10 minutes	2		Header/visor	Airbag
Contusion, right forehead	1		Header/visor	Airbag
Abrasion, right cheek	1		Header/visor	Airbag
Right side nerve root avulsion from C4-C7 with dislocation of spinal cord to left intraspinal canal C4-T2 (brachial plexus)	3		Header/visor	Airbag
Transversarium fracture, right anterior foramen of C6	2		Header/visor/airbag	
Fracture, right transverse process of C7	2		Header/visor/airbag	
Fracture, #1 rib right medial aspect	1			Airbag/vehicle interior
Comminuted distal fractures with dislocation, #3 and #4 metacarpals	2		Airbag/module door	
5-cm laceration involving the flexor tendon of right hand between 3rd and 4th digits	1		Airbag/module door	
Abrasion, right hip	1		Side door armrest	
Abrasion, left and right knees	1		Glove compartment	
<u>Maximum A.I.S. Level</u>	<u>4</u>			
<u>Injury Severity Score</u>	<u>21</u>			

Duplicate columns 1-8
from the previous card.

Module G 1 Format 0 2
9 10 11 12

GENERAL INFORMATION GI-1

TIME

DATE OF COLLISION

 / /

HOUR OF COLLISION

(24 HOUR CLOCK)

LOCATION

STATE:

STATE FIPS CODE

AREA

- (1) URBAN
(2) RURAL
(9) UNKNOWN

 2
27

ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO
(1) YES
(9) UNKNOWN

 0
28

ROAD, TOTAL TRAFFIC LANES
(FOR CASE VEHICLE)

- (1) 1-LANE
(2) 2-LANES
(3) 3-LANES
(4) 4 OR MORE LANES
(5) DIVIDED, 4 OR MORE LANES
(6) PARKING LOT/DRIVEWAY
(7) OTHER:
(9) UNKNOWN

 2
29

INTERSECTING RD, TOTAL LANES

CHOOSE FROM ABOVE LIST, OR

(8) NOT APPLICABLE

 8
30

TYPE OF ROAD SURFACE

- (1) ASPHALT
(2) CONCRETE
(3) GRAVEL
(4) MORE THAN ONE (CIRCLE EACH)
(7) OTHER:
(9) UNKNOWN

 1
31

ROAD DEFECTS

- (0) NO
(1) YES
(9) UNKNOWN

 0
32

ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO
(1) YES
(9) UNKNOWN

 0
33

ROAD ALIGNMENT
VERTICAL PLANE

- (1) LEVEL
(2) CREST OF HILL
(3) SLOPE (2%)
(4) BOTTOM OF HILL
(9) UNKNOWN

 3
34

ROAD ALIGNMENT
HORIZONTAL PLANE

- (1) STRAIGHT
(2) CURVE
(3) T - SHAPED
(4) Y - SHAPED
(7) OTHER:
(9) UNKNOWN

 2
35

SURFACE COVERING

- (10) DRY

(21) WATER - DAMP
(22) WATER - WET
(23) WATER - PUDDLED
(29) WATER - AMOUNT UNKNOWN

(31) SNOW - LOOSE
(32) SNOW - PACKED
(39) SNOW - CONDITION UNKNOWN

(41) ICE
(51) SLUSH
(61) SPILLED GRAVEL
(71) OTHER:
(99) UNKNOWN

 4 1
36 37

VISIBILITY LIMITATION
(FOR CASE VEHICLE)

- (0) NONE
(1) CLOUDY/DARK
(2) FOG
(3) SMOKE
(4) WINDSHIELD CONDITION
(5) GLARE
(6) RAIN
(7) OTHER: snow
(8) ICE/SNOW
(9) UNKNOWN

 8
38

VISIBILITY OBSTRUCTION
(FOR CASE VEHICLE)

- (0) NONE
(1) BUILDING
(2) SIGN
(3) VEGETATION (E.G. BUSHES, SHRUBS)
(4) TREE
(5) HILL OR CURVE IN ROAD
(6) VEHICLE IN TRANSPORT
(7) OTHER:
(8) PARKED VEHICLE
(9) UNKNOWN

 0
39

GENERAL INFORMATION GI-3

CRASH DETAILS

CASE VEHICLE AND OBJECT

- (0) NO
(1) YES
(9) UNKNOWN

1
47

CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER
(1) YES, FIRST EVENT
(2) YES, SUBSEQUENT EVENT
(3) YES, SEQUENCE UNKNOWN
(9) UNKNOWN

0
48

HIGHEST POLICE INJURY
SEVERITY CODE IN CRASH
(NOT JUST CASE VEHICLE)

- (0) O - NO INJURY
(1) C - POSSIBLE INJURY
(2) B - NON-INCAPACITATING INJURY
(3) A - INCAPACITATING INJURY
(4) K - FATAL
(5) INJURED, SEVERITY UNKNOWN
(6) DIED PRIOR TO ACCIDENT
(7) NON-FATAL INJURY
SEVERITY UNKNOWN
(9) UNKNOWN

3
55

CASE VEHICLE RAN OFF ROADWAY
(BEFORE FIRST IMPACT)

- (0) NO
(1) YES
(9) UNKNOWN

1
49

DRIVER IMPAIRMENT

DRIVER ALCOHOL INVOLVEMENT
(CASE VEHICLE)

- (0) NONE
(1) YES
(9) UNKNOWN/NOT REPORTED/
NO DRIVER

0
56

MOVING CASE VEHICLE AND
CONTACTED MOVING VEHICLE

- (0) NO
(1) YES
(9) UNKNOWN

0
50

DRIVER ALCOHOL BAC
(CASE VEHICLE)

- (80) NO TEST
(90) CHEMICAL TESTS, NO RESULTS
(95) AUTOPSY, NO RESULTS
(99) UNKNOWN

80
57 58

CASE VEHICLE AND
CONTACTED STOPPED VEHICLE

- (0) NO
(1) YES
(9) UNKNOWN

0
51

WAS THERE MENTION OF DRIVER
IMPAIRMENT FOR CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

0
59

STOPPED CASE VEHICLE AND
CONTACTED VEHICLE

- (0) NO
(1) YES
(9) UNKNOWN

0
52

LIST IMPAIRMENTS MENTIONED:

TOTAL NUMBER
OF VEHICLES CONTACTED
BY CASE VEHICLE IN CRASH

- (8) 8 OR MORE
(9) UNKNOWN

0
53

Post - CRASH Detail

MANNER CASE VEHICLE
LEFT SCENE

- (1) DRIVEN
(2) TOWED DUE TO DAMAGE
(3) TOWED, NOT DUE TO DAMAGE
(4) TOWED, REASON UNKNOWN
(9) UNKNOWN

2
60

ANY FIRE IN THIS CRASH
(NOT JUST CASE VEHICLE)

- (0) NO
(1) YES
(9) UNKNOWN

0
54

ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: CASE VEHICLE (A) WAS TRAVELING
EAST AT AN UNKNOWN SPEED ON A TWO-LANE
ROAD IN A RURAL AREA. IT WAS SNOWING AND THE ROADS
WERE SNOW-COVERED AND ICY. THE DRIVER LOST CONTROL AND EXITED THE SOUTH EDGE
OF THE ROADWAY. IT TRAVELED OVER A PRIVATE DRIVE AND A DITCH. IT STRUCK A
SIGN WITH ITS LEFT-FRONT BUMPER CORNER. IT CONTINUED 48 METERS AND STRUCK
A TREE WITH ITS RIGHT-FRONT CORNER

CASE VEHICLE (A): 1998 TOYOTA CAMRY

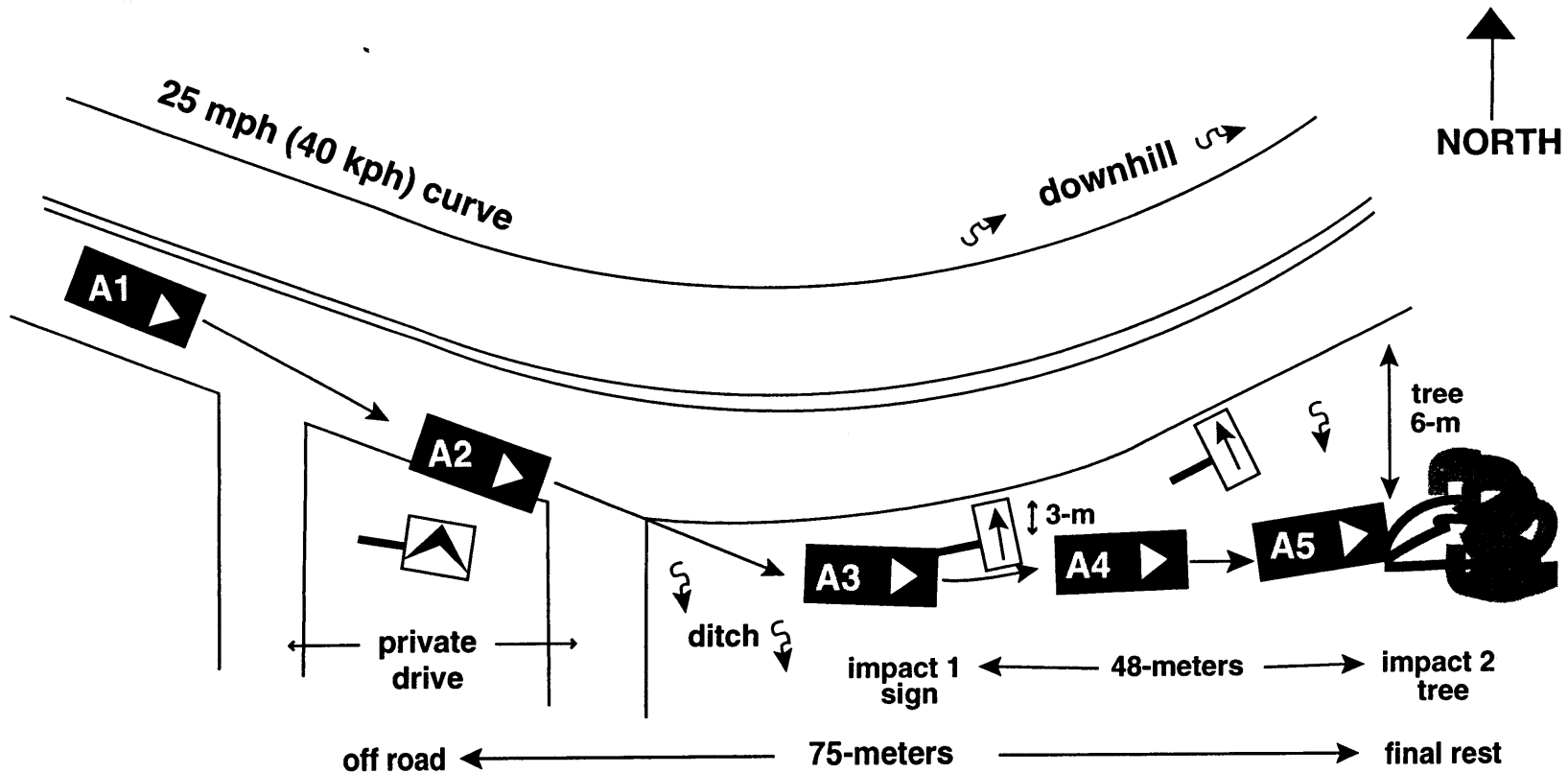
OTHER VEHICLE (B): _____

THIRD VEHICLE (C): _____

GI-4



NORTH



Duplicate columns 1-8
from the previous card.

Module O V Format 0 4
9 10 11 12

OTHER VEHICLE OV-1

MAKE: _____

CARGO: _____

MODEL: _____

VIN

13

29

MANUFAC/BODY CODE

30

34

MAKE/MODEL CODE

38

MODEL YEAR

39

42

VEHICLE MASS (kg)

43

48

IF SEPARATE REPORT WAS MADE,
GIVE VEHICLE NUMBER

NUMBER OF OCCUPANTS
(ENTER 9'S IF UNKNOWN)

51

TRAVELING SPEED (km/h)

54

- (000) PARKED OR STOPPED
(995) JUST STARTING UP
(996) BACKING UP
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
(998) SPEED EXCESSIVE (BUT UNKNOWN)
(999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY
CODE FOR THIS VEHICLE

- (0) O - NO INJURY
(1) C - POSSIBLE INJURY
(2) B - NON-INCAPACITATING INJURY
(3) A - INCAPACITATING INJURY
(4) K - FATAL
(5) INJURED, SEVERITY UNKNOWN
(6) DIED PRIOR TO ACCIDENT
(7) NON-FATAL INJURY
SEVERITY UNKNOWN
(8) UNOCCUPIED VEHICLE
(NOT APPLICABLE)
(9) UNKNOWN

55

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
(03) LIMOUSINE
(17) PICKUP CAR
(20) UNKNOWN PASSENGER VEHICLE BODY
(24) SUB-MINI
(25) MINI
(26) SUB-COMPACT
(27) COMPACT
(28) INTERMEDIATE
(29) FULL

56

57

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
(15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER
(17) PICKUP CAR WITH CANOPY/SHELL COVER
(21) MOTOR HOME
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER
(23) PICKUP CAR WITH SLIDE-IN CAMPER
(31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN
(12) PICKUP TRUCK
(13) UNKNOWN LIGHT TRUCK
(15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER
(30) UNKNOWN TRUCK TYPE
(31) CHASSIS-MOUNTED CAMPER
(33) DELIVERY VAN (WALK-IN)
(34) STRAIGHT TRUCK
(35) TRUCK-TRACTOR (BOBTAIL)
(36) CHASSIS-CAB
(37) UNKNOWN HEAVY TRUCK
(38) TRACTOR & SEMI-TRAILER (SEMI)
(39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
(41) SCHOOL BUS
(42) INTERCITY BUS (BETWEEN CITIES)
(43) TRANSIT BUS (INTRACITY)
(44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)
(69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm)

(999) UNKNOWN

58 59 60

Duplicate columns 1-8
from the previous card.

Module Q V Format 0 2
9 10 11 12

OTHER VEHICLE

OV-2

ORIGINAL SPECIFICATIONS

Wheelbase _____ cm

Front Overhang _____ cm
22 24

Curb Weight _____ kg

Rear Overhang _____ cm
25 27

Average Track Width _____ cm
13 15

Undeformed End Width (UEW) _____ cm
28 30

Overall Length _____ cm
16 18

Engine Displacement _____ L
31 32

Overall Width (OAW) _____ cm
19 21

Engine: # of Cylinders _____
33 34

VEHICLE DAMAGE

NOT APPLICABLE

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) _____ cm
35 37

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ _____ %
38 39

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ _____ %
40 41

Duplicate columns 1-8
from the previous card.

Module V D Format 0 4
9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: TOYOTA
MODEL: CAMRY LE 4-DOOR SEDAN

CARGO: NONE

VIN 4 T 1 B G 2 2 K 7 W U [REDACTED]
13 29

MANUFAC/BODY CODE 1 8 3 2 7
30 34

MAKE/MODEL CODE 1 6 1 0
38

MODEL YEAR 1 9 9 8
39 42

VEHICLE MASS (kg) 0 0 1 4 1 5
43 48

ODOMETER (km)
(ENTER 9'S IF UNKNOWN) 8 8 8 8 8 8
(ENTER 8'S IF ELECTRONIC) 49 54

NUMBER OF OCCUPANTS 0 2
(ENTER 9'S IF UNKNOWN) 56

TRAVELING SPEED (km/h) 9 9 7
59

- (000) PARKED OR STOPPED
(995) JUST STARTING UP
(996) BACKING UP
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
(998) SPEED EXCESSIVE (BUT UNKNOWN)
(999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
(12) 2-DOOR SEDAN OR COUPE
(ANY UPPER B-PILLAR)
(13) 4-DOOR HARDTOP
(14) 4-DOOR SEDAN
(15) STATION WAGON
(16) CONVERTIBLE
(18) OTHER PASS. VEH. :
(19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
(22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
(23) VAN, SIZE UNKNOWN
(24) VAN, SMALL (MINI)
(25) VAN, LARGE
(29) MPV, TYPE UNKNOWN
(30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN
(32) PICKUP TRUCK, SMALL (DOWNSIZED)
(33) PICKUP TRUCK, LARGE
(99) UNKNOWN

STOLEN VEHICLE

- (0) NO
(1) YES
(8) NOT COLLECTED
(9) UNKNOWN

8
62

BODY STRUCTURE

- (1) BODY & FRAME
(2) UNITIZED
(3) INTEGRAL-STUB FRAME
(4) BODY & PLATFORM FRAME
(E.G. VW BUG)
(5) PARTIALLY UNITIZED
(7) OTHER:
(9) UNKNOWN

2
63

TRANSMISSION

- (0) NONE
(1) AUTOMATIC
(2) MANUAL
(9) UNKNOWN

1
64

LOCATION OF TRANSMISSION
SELECTOR LEVER

- (1) FLOOR
(2) CONSOLE
(3) COLUMN
(7) OTHER:
(9) UNKNOWN

2
65

STEERING

- (1) POWER
(2) MANUAL
(9) UNKNOWN

1
66

BRAKES

- (1) POWER
(2) MANUAL
(9) UNKNOWN

1
67

TYPE OF BRAKES

- (1) DRUM, ALL WHEELS
 (2) DISC, FRONT WHEELS
 (3) DISC, ALL WHEELS
 (9) UNKNOWN

2
68

WHEELBASE (cm)
 (999) Unknown

266
76 77 78

BRAKE ANTI-LOCK DEVICE

- (0) NONE INSTALLED
 (1) TWO-WHEEL
 (2) FOUR-WHEEL
 (7) EQUIPPED, UNKNOWN WHEELS
 (9) UNKNOWN

2
69

PLASTIC ANTI-LACERATIVE
INNER LAYER GLASS EQUIPPED

- (0) NONE
 (1) WINDSHIELD
 (2) WINDSHIELD AND SIDE
 (7) OTHER
 (9) UNKNOWN

0
79

AIR CONDITIONING IN VEHICLE

- (0) NO
 (1) YES
 (8) NOT COLLECTED
 (9) UNKNOWN

8
70

TYPE OF DRIVE

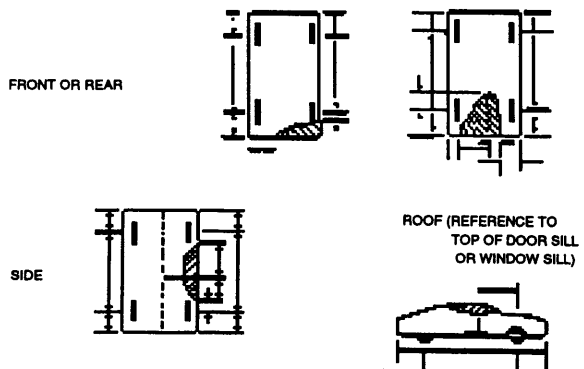
- (1) REAR WHEEL
 (2) FRONT WHEEL
 (3) FOUR WHEEL
 (4) ALL WHEEL DRIVE
 (9) UNKNOWN

2
71

FIELD INVESTIGATOR INSTRUCTIONS:

1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.
2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.
3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.
4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.

EXAMPLES:



DUAL REAR WHEELS

- (0) NO
 (1) YES
 (9) UNKNOWN

0
72

ORIGINAL TYPE
OF RESTRAINT SYSTEM

- (1) ACTIVE BELT
 (2) PASSIVE BELT
 (3) AIRBAG
 (4) KNEE BOLSTERS
 (7) OTHER: _____
 (8) NOT APPLICABLE (NOT EQUIPPED)
 (9) UNKNOWN

3
73

EQUIPPED WITH ROLL BAR

- (0) NO
 (1) YES
 (9) UNKNOWN

0
74

TYPE OF ROOF

- (0) NONE
 (1) SOLID
 (2) T-TOP CLOSED
 (3) T-TOP OPEN
 (4) SUN ROOF CLOSED
 (5) SUN ROOF OPEN
 (6) CONVERTIBLE CLOSED
 (7) CONVERTIBLE OPEN
 (8) OTHER: _____
 (9) UNKNOWN

1
75

Duplicate columns 1-8
from the previous card.

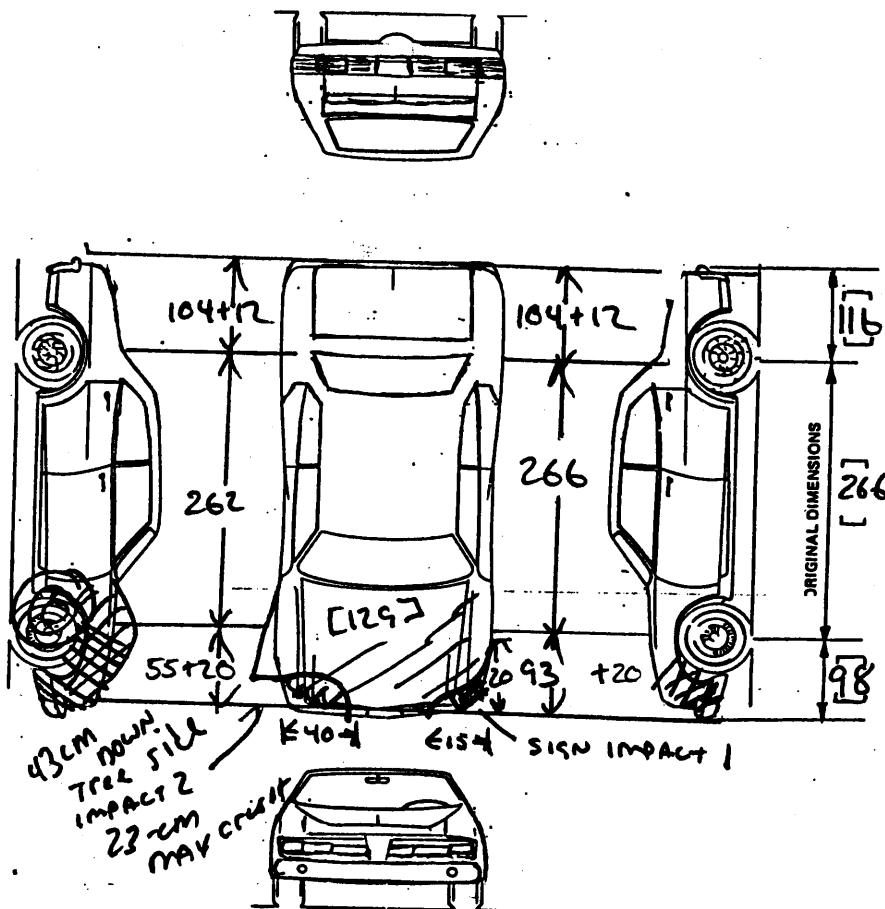
Module V D Format 0 2
9 10 11 12

VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase	<u>266</u> cm	Front Overhang	<u>098</u> cm
Curb Weight	<u>1415</u> kg	Rear Overhang	<u>116</u> cm
Average Track Width	<u>153</u> cm	Undeformed End Width (UEW)	<u>166</u> cm
Overall Length	<u>479</u> cm	Engine Displacement	<u>2.2</u> L
Overall Width (OAW)	<u>178</u> cm	Engine: # of Cylinders	<u>04</u>

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 040 cm

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ 40 24 %

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ 40 + 1/2 (178 - 166) 26 %

Duplicate columns 1-8
from the previous card.Module D A Format 0 2
9 10 11 12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>2</u> 13	<i>tree</i>
IMPACT SPEED (km/h)	<u>999</u> 14 15 16	<u>998</u> 35 36 37
ESTIMATED BY	<u>1</u> 17	<u>1</u> 38
CRUSH (cm)	<u>0.43</u> 18 19 20	<u>998</u> 39 40 41
CDC #1	<u>12.FREE.2</u> 21 27	<u>98.0000.0</u> 42 48
CDC #2	<u>98.0000.0</u> 28 34	<u>98.0000.0</u> 49 55

Duplicate columns 1-8
from the previous card.Module D A Format 0 3
9 10 11 12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>1</u> 13	<i>SKN</i>
IMPACT SPEED (km/h)	<u>999</u> 14 15 16	<u>998</u> 35 36 37
ESTIMATED BY	<u>1</u> 17	<u>1</u> 38
CRUSH (cm)	<u>020</u> 18 19 20	<u>998</u> 39 40 41
CDC #1	<u>12.FLEE.1</u> 21 27	<u>98.0000.0</u> 42 48
CDC #2	<u>98.0000.0</u> 28 34	<u>98.0000.0</u> 49 55

CODES

EVENT NUMBER

(8) NOT APPLICABLE
(9) UNKNOWN

IMPACT SPEED

(998) NOT APPLICABLE
(999) UNKNOWN

IMPACT SPEED ESTIMATOR

(1) INVESTIGATOR
(2) DRIVER
(3) POLICE
(4) "CRASH" PROGRAM
(5) OTHER COMPUTER PROGRAM
SPECIFY: _____
(7) OTHER: _____
(8) NOT APPLICABLE
(NO VEHICLE/NO IMPACT)

CRUSH

(998) NOT APPLICABLE
(NO VEHICLE/DAMAGE)
(999) UNKNOWN

CDC

(9800000) NOT APPLICABLE
(9900000) UNKNOWN

Duplicate columns 1-8
from the previous card.Module D A Format 0 1
9 10 11 12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 043
13 15RIGHT SIDE 000
16 18REAR 000
19 21LEFT SIDE 000
22 24ROOF 000
25 27OTHER 000
28 30CHRONOLOGICAL SEQUENCE
OF DAMAGE/INJURY PRODUCING CRASH EVENTS
FOR CASE VEHICLENOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER?1
31(0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>4</u> 32	<u>17</u> 34	<u>77</u> sign 38
#2	<u>4</u> 37	<u>17</u> 39	<u>77</u> tree 41
#3	— 42	— 44	— 46
#4	— 47	— 49	— 51
#5	— 52	— 54	— 56
#6	— 57	— 59	— 61
#7	— 62	— 64	— 66

CODES FOR
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

Page (s) 14 & 15

were left intentionally blank.

Duplicate columns 1-8
from the previous card.Module C R Format 0 1
9 10 11 12CRASH RECONSTRUCTION CR-1
for ΔV

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>2</u> 13		<u>1</u> 47	
ΔV (km/h) TOTAL	<u>021</u> 14 15 16	<u>8—</u> 32 33 34	<u>8—</u> 48 49 50	<u>8—</u> 66 67 68
LONGITUDINAL *	<u>-021</u> 17 20	<u>8—</u> 35 38	<u>8—</u> 51 54	<u>8—</u> 69 72
LATERAL *	<u>-004</u> 21 24	<u>8—</u> 39 42	<u>8—</u> 55 58	<u>8—</u> 73 76
*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = <u>010</u> -7 km/h = <u>-007</u>				
ENERGY DISSIPATED BY CRUSH (kj)	<u>0028</u> 25 28	<u>8—</u> 43 46	<u>8—</u> 59 62	<u>8—</u> 77 80
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30		<u>09</u> 63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY	<u>2</u> 31		<u>5</u> 65	
(2) CDC & DETAILED DAMAGE				
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>WSP 5-PMH</u>				

Duplicate columns 1-8
from the previous card.

Module C R Format 0 2
9 10 11 12

CRASH RECONSTRUCTION CR-2

for EBS

BEST AVAILABLE COPY

	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE		CASE VEHICLE	CONTACTED VEHICLE	
EVENT NUMBER	<u>2</u> 13			<u>1</u> 47		
EBS (km/h) TOTAL	<u>021</u> 14 15 16	<u>8-</u> 32 33 34		<u>8-</u> 48 49 50	<u>8-</u> 66 67 68	
LONGITUDINAL*	<u>-021</u> 17 20	<u>8-</u> 35 38		<u>8-</u> 51 54	<u>8-</u> 69 72	
LATERAL*	<u>-004</u> 21 24	<u>8-</u> 39 42		<u>8-</u> 55 58	<u>8-</u> 73 76	
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.						
EXAMPLES: 10 km/h = <u>± 010</u> -7 km/h = <u>- 007</u>						
ENERGY DISSIPATED BY CRUSH (kj)	<u>0028</u> 25 28	<u>8-</u> 43 46		<u>8-</u> 59 62	<u>8-</u> 77 80	
RECONSTRUCTION						
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30			<u>09</u> 63 64		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRIDE/OVERRIDE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT						
(10) OTHER: _____						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE						
(1) CDC ONLY	<u>2</u> 31			<u>5</u> 65		
(2) CDC & DETAILED DAMAGE						
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: <u>WINSMAIR</u>						

Duplicate columns 1-8
from the previous card.Module C R Format 0 3
9 10 11 12

CRASH RECONSTRUCTION CR-3

- NOTES:
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
 2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
 3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
 4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

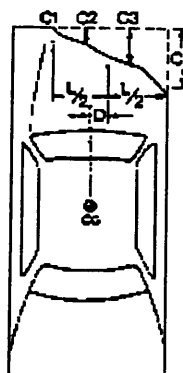
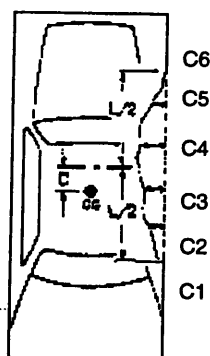
LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	BEGINS AT LF BC	BC TO BC
2	BEGINS AT RFBC	BC TO BC

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
2	1	40	43	111	5	5.5	10	16.5	26.5	43	+63
Bumper FreeSpace			20		20	10	3	3	10	20	
TOTAL			23		0	0	7	13.5	16.5	23	
2	1	040	023	111	000	000	007	014	017	023	+063
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
1	1	15	20	CM DOWN LEFT SIDE							-076
1	1	015	020	999	999	999	999	999	999	999	-076

Duplicate columns 1-8
from the previous card.

Module W T Format 0 1
9 10 11 12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

- (0) NO
(1) YES
(9) UNKNOWN

LF 0
13RF 1RR 0LR 0
16

TIRE TREAD TYPE

- (1) REGULAR
(2) SNOW
(3) SLICKS
(4) ALL WEATHER (MS)
(7) OTHER: _____
(9) UNKNOWN

LF 4
17RF 4RR 4LR 4
20

CARCASS CONSTRUCTION

- (1) BIAS
(2) BELTED BIAS
(3) RADIAL
(4) ELLIPTICAL
(5) HI PRESSURE SPARE
(6) SPACE SAVER SPARE
(7) OTHER: _____
(9) UNKNOWN

LF 3
21RF 3RR 3LR 3
24

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P12570R15
25RF _____
35RR _____
45LR _____
55

IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8
from the previous card.

Module F T Format 0 1
9 10 11 12

FUEL AND FUEL TANKS FT-1

TEST AVAILABLE COPY

TYPE OF PROPULSIVE FUEL (1) GASOLINE (2) DIESEL OIL (3) LPG (4) ELECTRIC (7) OTHER: _____ (9) UNKNOWN	<u>1</u> 13	AUXILIARY TANK TYPE (1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>8</u> 21
MAIN TANK LOCATION	<u>322</u> 14 16	AUXILIARY TANK LOCATION	<u>888</u> 22 24
MAIN FILLER CAP LOCATION	<u>113</u> 17 19	AUXILIARY FILLER CAP LOCATION	<u>888</u> 25 27
MAIN TANK MATERIAL	<u>9</u> 20	AUXILIARY TANK MATERIAL	<u>8</u> 28

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F L Format 0 1
9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.

13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	14 15	—	—	—	— —	21
#2	22 23	—	—	—	— —	29
#3	30 31	—	—	—	— —	37
#4	38 39	—	—	—	— —	45
#5	46 47	—	—	—	— —	53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
9 10 11 12

FIRE FR-1

BEST AVAILABLE COPY

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

(1) YES COMPLETE PAGE.

0
13

DID FIRE START IN CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

14

SEVERITY OF FIRE DAMAGE

- (1) MINOR
(2) MODERATE
(3) SEVERE
(9) UNKNOWN

16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE
(2) SLOW/MODERATE
(9) UNKNOWN

15

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8
from the previous card.

Module E D Format 0 1
9 10 11 12

EXTERIOR DAMAGE

ED-1

HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO
(1) YES
(8) NOT APPLICABLE
(9) UNKNOWN

HOOD LATCH(ES)- -RELEASED

-DAMAGED

-JAMMED

HOOD HINGES- -LEFT, DAMAGED

-LEFT, SEPARATED
(COMPLETE)

-RIGHT, DAMAGED

-RIGHT, SEPARATED
(COMPLETE)

HOOD REMAINED ON VEHICLE

REAR EDGE OF HOOD- -ELEVATED

-CONTACTED WINDSHIELD

-PENETRATED WINDSHIELD

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE
(2) COWL AREA
(3) SIDE
(8) NOT APPLICABLE
(9) UNKNOWN

STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE
(1) FLEXIBLE MATERIAL
(2) POT
(3) SINGLE U-JOINT
(4) DOUBLE U-JOINT
(5) FLEXIBLE CABLE
(6) COMBINATION OF ABOVE
(CIRCLE EACH)
(7) OTHER: _____
(8) EQUIPPED, TYPE UNKNOWN
(9) UNKNOWN, IF EQUIPPED

COUPLING- -DAMAGED

(USE CODES
FROM HOOD
PERFORMANCE)

-SEPARATED
(COMPLETE)

ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED
(01) - (07) SEE UNITS ON PAGE ED-2
(88) NOT COLLECTED
(97) OTHER: _____
(98) EQUIPPED, TYPE UNKNOWN
(99) UNKNOWN IF EQUIPPED

ORIGINAL LENGTH (mm)

F (OR H): _____

TELESCOPED LENGTH (mm)

G: _____

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED
(991) NOT MEASURED/NO
COMPRESSION
(992) COMPRESSED, AMOUNT
UNKNOWN
(993) DEVICE EXTENDED
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT
EQUIPPED)
(999) UNKNOWN

ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO
(1) YES
(9) UNKNOWN

LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

8
 34

LEFT DOORS

HOW DID DOORS
OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
 (2) DOOR-LATCH SEPARATION
 (3) LATCH-STRIKER SEPARATION
 (4) STRIKER-PILLAR SEPARATION
 (5) BODY DISTORTION
 (6) COMBINATION OF ABOVE
 (CIRCLE EACH)
 (7) OPENED, REASON UNKNOWN

- (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
 (1) YES
 (4) NO SEPARATION, BUT DAMAGED
 (8) NOT APPLICABLE (NOT EQUIPPED)
 (9) UNKNOWN

-A-PILLAR, UPPER

0
 35

LOWER

0
 36

-B-PILLAR, UPPER

0
 37

LOWER

0
 38

-C-PILLAR, UPPER

0
 39

LOWER

0
 40

-D-PILLAR, UPPER

8
 41

LOWER

8
 42

-FRONT

0
 43

-REAR

0
 44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
 (1) YES
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

-FRONT

0
 45

-REAR

0
 46

EXTERIOR DAMAGE

ED-3

REAR DOOR

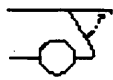
REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

Hatchback



One-way



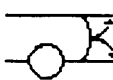
Two-way



or



Clamshell



Single door



Double door

HOW DID DOOR
OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA
DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

TRAILER TYPE
(AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: _____
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

8
54

RIGHT DOORS

HOW DID DOORS
OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION
 (02) DOOR-LATCH SEPARATION
 (03) LATCH-STRIKER SEPARATION
 (04) STRIKER-PILLAR SEPARATION
 (05) BODY DISTORTION
 (06) COMBINATION OF ABOVE
 (CIRCLE EACH)
 (07) OPENED, REASON UNKNOWN
 (11) VAN RIGHT-REAR DOOR OPENED
 (ANY MECHANISM)

(98) NOT APPLICABLE (NO DOOR)

(99) UNKNOWN

RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
 (1) YES
 (4) NO SEPARATION, BUT DAMAGED
 (8) NOT APPLICABLE (NOT EQUIPPED)
 (9) UNKNOWN

-A-PILLAR, UPPER

55

LOWER

56

-B-PILLAR, UPPER

57

LOWER

58

-C-PILLAR, UPPER

59

LOWER

60

-D-PILLAR, UPPER

61

LOWER

62

-FRONT

63 64

-REAR

65 66

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
 (1) YES
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

-FRONT

67

-REAR

68

VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR
 (1) TRACK (SLIDING) - RIGHT SIDE
 (2) SINGLE-HINGED - RIGHT SIDE
 (3) DOUBLE-HINGED - RIGHT SIDE
 (4) TRACK (SLIDING) - RIGHT & LEFT SIDE
 (5) SINGLE-HINGED - RIGHT & LEFT SIDE
 (6) DOUBLE-HINGED - RIGHT & LEFT SIDE
 (7) TRACK AND HINGED COMBINATION
 (8) NOT APPLICABLE (NOT A VAN)
 (9) UNKNOWN

69

EXTERIOR DAMAGE

ED-5

WINDSHIELD DAMAGE

WINDSHIELD CRACKED

- (0) NO
(1) YES
(8) NOT APPLICABLE
(9) UNKNOWN

WINDSHIELD BROKEN
(PLASTIC INTERLAYER TORN)

- (0) NO
(1) YES
(8) NOT APPLICABLE
(9) UNKNOWN

CRACKED OR BROKEN
BY OCCUPANT CONTACT

- (0) NO
(1) YES
(8) NOT APPLICABLE
(9) UNKNOWN

EXTENT OF BOND SEPARATION

- (0) NONE
(1) 1 - 20%
(2) 21 - 40
(3) 41 - 60
(4) 61 - 80
(5) 81 - 99
(6) TOTAL
(7) SEPARATED, AMOUNT
UNKNOWN
(8) NOT APPLICABLE
(9) UNKNOWN

WINDSHIELD MARK ON CASE VEHICLE:

?

WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED
(98) NOT APPLICABLE (NO WINDSHIELD)
(99) UNKNOWN

99
74 75

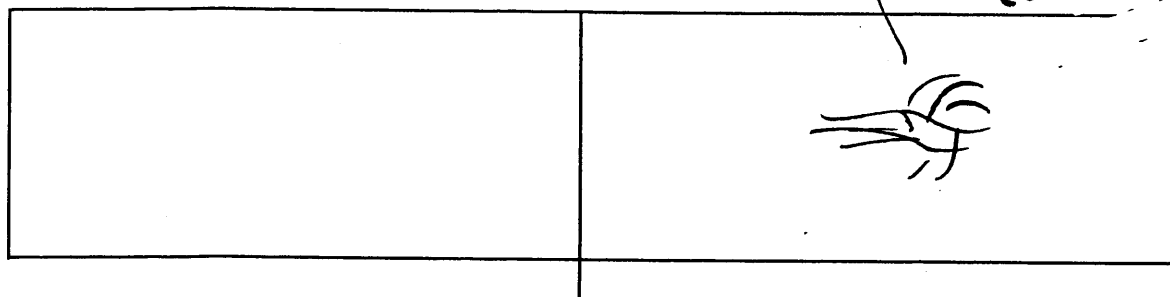
Roof

DID T-ROOF/SUN ROOF OPEN
DURING COLLISION?

- (0) NO
(1) YES
(8) NOT APPLICABLE
(NOT A T-ROOF OR SUN ROOF)
(9) UNKNOWN

8
76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



L

C

R

STEERING WHEEL

STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0
13

NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

4
14

STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0
15

STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE
NORMAL TOP OF THE WHEEL POINTED
WHEN THE COLLISION OCCURRED?

EXAMPLES

O'CLOCK = 1 2



(NORMAL STRAIGHT
AHEAD)

O'CLOCK = 0 2



O'CLOCK = 99

(99) UNKNOWN

STEERING WHEEL ENERGY ABSORBING DEVICE

(1) EXAMPLES:



BARRACUDA, 70 - 74
CHALLENGER, 70 - 74
CAPRI, 71 - 77

(2) EXAMPLES:



OMNI, 78 -
HORIZON, 78 -

STEERING COLUMN OPTIONS

TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

1
16

SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
17

TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
18

TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: _____
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8
19

ORIGINAL DIMENSION (mm)

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8
20 22

STEERING WHEEL AND COLUMN SC-2

STEERING COLUMN
ENERGY ABSORBING DEVICE

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
(88) NOT COLLECTED
(99) UNKNOWN

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48,
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ± 10)

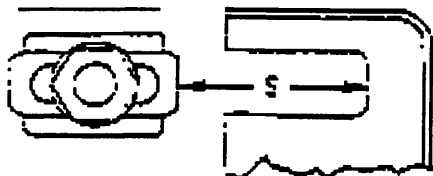
- (888) NOT COLLECTED
(991) NOT MEASURED/NO APPARENT
COMPRESSION
(992) COMPRESSED, AMOUNT UNKNOWN
(993) DEVICE EXTENDED
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT EQUIPPED)
(999) UNKNOWN

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
(991) NOT MEASURED/NO APPARENT
SEPARATION
(992) SEPARATED, AMOUNT UNKNOWN
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT EQUIPPED)
(999) UNKNOWN

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
(1) UPWARD APPARENT ROTATION
(2) DOWNWARD APPARENT ROTATION
(9) UNKNOWN

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
(1) LEFT APPARENT ROTATION
(2) RIGHT APPARENT ROTATION
(9) UNKNOWN

STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE
(1) OCCUPANT CONTACT
(2) AIRBAG
(3) OTHER _____
(9) UNKNOWN

0
33

8 8
23 24

8 8 8
25 27

8 8 8
28 30

0
31

0
32

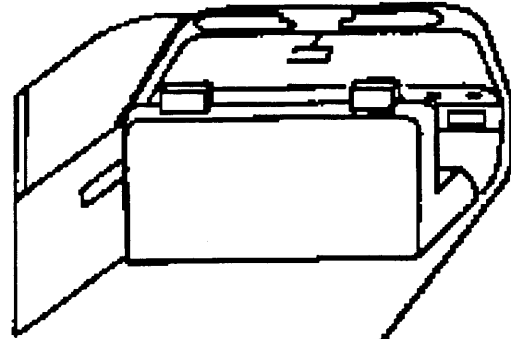
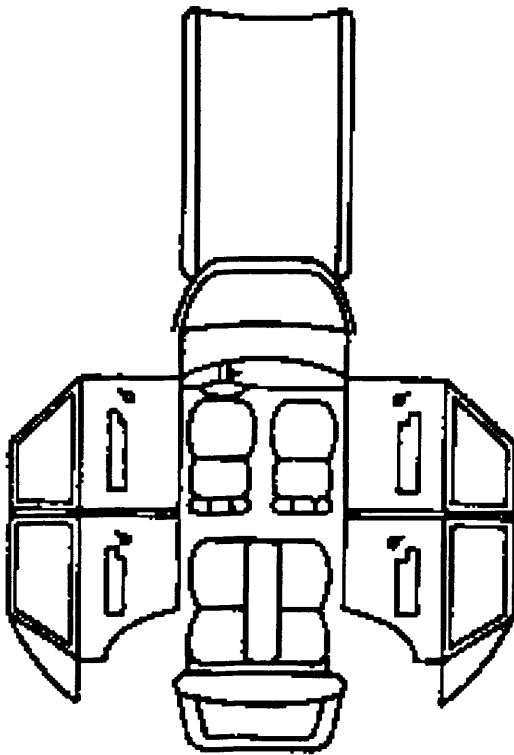
INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)			Dominant Crush Direction
		Comparison Value	Intruded Value	Intrusion	
		—		=	
		—		=	
		—		=	
		—		=	
		—		=	
		—		=	
		—		=	
		—		=	
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		—		=	
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		—		=	
		—		=	

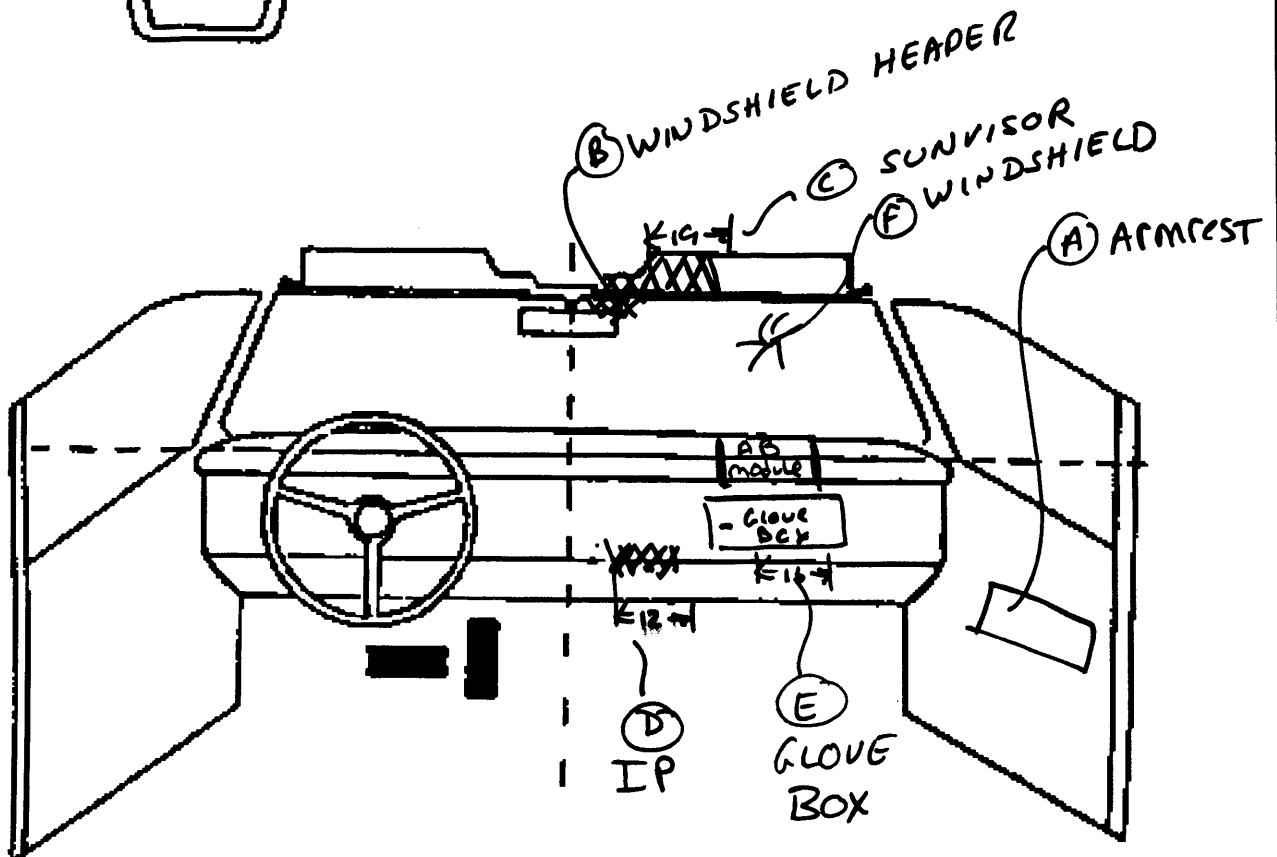
OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	ARMREST	2	ARM	5-CM SCUFF	2
B	WINDSHIELD HEADER	2	HEAD	4-CM SKIN, HAIR	1
C	SUNVISOR	2	HEAD	19-CM SCUFF OF SKIN	1
D	IP	2	LEG	12-CM SCUFF	1
E	Glove box	2	LEG	16-CM SCUFF	1
F	WINDSHIELD	2	HEAD	CRACKED	1
G					
H					
I					
J					

VEHICLE OCCUPANT CONTACT DIAGRAM



RF BELT: PRETENSIONER FIRED, BELT
LOCKED TIGHT IN UNWORN POSITION
DR BELT: BLACK WEBBING IMPRINTS
ON D-RING.



INTRUSION IT-3**CODES FOR COLUMN B, OCCUPANT SPACE NUMBER**

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- | | | | |
|--------------------------|-----------------|-------------------------|---|
| (1) LEFT | (3) RIGHT | | INDIVIDUAL SEAT |
| (1) LEFT | (2) CENTER | (3) RIGHT | BENCH: FULL WIDTH 3 PASSENGER |
| (1) LEFT | (2) LEFT CENTER | (6) RIGHT CENTER | (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT | (2) CENTER | (5) RIGHT & AISLE SPACE | BENCH: PARTIAL WIDTH, LEFT |
| (0) LEFT & SPACE | (2) CENTER | (5) RIGHT & SPACE | BENCH: PARTIAL WIDTH, CENTERED |
| (4) ENTIRE VEHICLE WIDTH | | CARGO AREA | |

EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

**PASSENGER CAR
5 PASSENGERS**

X	X	11	13
X	X	21	22 23

**VAN
12 PASSENGER CAPACITY**

X	X	11	13
X	X	X	21 22 25
X	X	X	31 32 35
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
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X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X		

CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
(Y) Y-AXIS (LATERAL)
(Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

INTRUSION IT-4

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER
COMPARTMENT BUT PART
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS
INTRUDED INTO A SINGLE OCCUPANT SPACE.

- | | |
|------------------------|-------------------------|
| (50) WINDSHIELD HEADER | (60) ROOF |
| A-PILLAR | ROOF RAIL |
| ROOF SIDE RAIL | A-PILLAR |
| | B-PILLAR |
| (51) INSTRUMENT PANEL | C-PILLAR |
| A-PILLAR | WINDOW FRAME |
| DOOR PANEL | DOOR PANEL |
| | FLOOR PAN |
| (52) INSTRUMENT PANEL | (61) INSTRUMENT PANEL |
| A-PILLAR | TOE PAN |
| WINDSHIELD HEADER | WINDSHIELD HEADER |
| | A-PILLAR |
| (53) DOOR PANEL | ROOF RAIL |
| B-PILLAR | WINDOW FRAME |
| ROOF RAIL | DOOR PANEL |
| | ROOF |
| (54) DOOR PANEL | (62) ROOF |
| A-PILLAR | ROOF RAIL |
| ROOF RAIL | C-PILLAR |
| | WINDOW FRAME |
| (55) INSTRUMENT PANEL | FLOOR PAN |
| FLOOR PAN | SECOND SEAT |
| A-PILLAR | DOOR PANEL |
| DOOR FRAME | |
| (56) ROOF RAIL | (63) ROOF RAIL |
| A-PILLAR | ROOF |
| B-PILLAR | B-PILLAR |
| WINDOW FRAME | WINDOW FRAME |
| | FLOOR PAN |
| (57) ROOF RAIL | DOOR PANEL |
| A-PILLAR | SECOND SEAT |
| B-PILLAR | FRONT SEAT |
| C-PILLAR | |
| DOOR PANEL | (64) ROOF RAIL |
| | ROOF OR CONVERTIBLE TOP |
| (58) ROOF | A-PILLAR |
| ROOF RAIL | B-PILLAR |
| WINDOW FRAME | WINDOW FRAME |
| DOOR PANEL | WINDOW HEADER |
| (59) BACKLIGHT HEADER | (65) WINDSHIELD |
| ROOF | WINDSHIELD HEADER |
| C-PILLAR | ROOF SIDE RAIL |
| THIRD SEAT-BACK | |
| | (66) WINDSHIELD |
| | WINDSHIELD HEADER |
| | A-PILLAR |
| | (98) NOT APPLICABLE |
| | (99) UNKNOWN |

Duplicate columns 1-8
from the previous card.Module 1 T Format 0 1
9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION? 0

13

WAS INTRUSION CATASTROPHIC?

14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
 (1) YES ANSWER NEXT QUESTION.
 (9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.
 (1) YES SKIP PAGE.

Duplicate columns 1-8
from the previous card.Module 1 T Format 0 2
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS *CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.*
CODES FOR B, F, G, H, I, J ON PAGE IT-3
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 1</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 2</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 3</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 4</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 5</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 6</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 7</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8
from the previous card.Module 1 T Format 0 3
9 10 11 12NOTE: IF NO SIDE DOOR INTRUSION,
SKIP REMAINDER OF PAGE.**SIDE DOOR INTRUSION
RESULTED FROM**INTRUSION
NUMBER CAUSECODES
FOR CAUSE:

<u>13</u>	<u>15</u>	(1) DIRECT IMPACT
<u>16</u>	<u>18</u>	(2) INDUCED DAMAGE
<u>19</u>	<u>21</u>	(9) UNKNOWN

**IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED
DOOR INTRUSION, CODE COMPONENT**INTRUSION
NUMBERDAMAGED
COMPONENT 1DAMAGED
COMPONENT 2CODES
FOR COMPONENTSA
22 2325B
26 2729C
30 3133D
34 3537

- (0) NONE
 (1) A-PILLAR
 (2) B-PILLAR
 (3) C-PILLAR
 (4) LATCH/STRIKER
 (5) HINGES
 (7) OTHER:
 (8) NOT APPLICABLE
 (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module $\frac{1}{9}$ $\frac{T}{10}$ Format $\frac{0}{11}$ $\frac{2}{12}$

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

-- ADDITIONAL PAGE --

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
CODES FOR B, F, G, H, I, J ON PAGE IT-3
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 8	---	---	---	---	---	---	---	---	---	---
0 9	---	---	---	---	---	---	---	---	---	---
1 0	---	---	---	---	---	---	---	---	---	---
1 1	---	---	---	---	---	---	---	---	---	---
1 2	---	---	---	---	---	---	---	---	---	---
1 3	---	---	---	---	---	---	---	---	---	---
1 4	---	---	---	---	---	---	---	---	---	---
1 5	---	---	---	---	---	---	---	---	---	---
1 6	---	---	---	---	---	---	---	---	---	---
1 7	---	---	---	---	---	---	---	---	---	---
1 8	---	---	---	---	---	---	---	---	---	---
1 9	---	---	---	---	---	---	---	---	---	---
2 0	---	---	---	---	---	---	---	---	---	---
2 1	---	---	---	---	---	---	---	---	---	---
2 2	---	---	---	---	---	---	---	---	---	---
2 3	---	---	---	---	---	---	---	---	---	---
2 4	---	---	---	---	---	---	---	---	---	---
2 5	---	---	---	---	---	---	---	---	---	---

Duplicate columns 1-8
from the previous card.

Module 1 D Format 0 1
9 10 11 12

INTERIOR DAMAGE

ID-1

BEST AVAILABLE COPY

CODES:

- | | |
|------------------------------|-------------------------------|
| (0) NO | (4) YES, and OCCUPANT CONTACT |
| (1) YES | (8) NOT APPLICABLE |
| (3) NO, and OCCUPANT CONTACT | (9) UNKNOWN |

	LEFT	RIGHT				
SIDES			FRONT		INSTRUMENT PANEL	
FRONT DOOR	0 13	0 14	FOOT CONTROLS	0 45	UPPER PANEL	0 55
FRONT HARDWARE	0 15	0 16	IGNITION KEYS	0 46	MID PANEL	0 56
FRONT ARMREST	0 17	3 18	REAR VIEW MIRROR	0 47	LOWER PANEL	3 57
FRONT GLASS	0 19	0 20	SUNVISOR/FITTINGS	0 48	ASHTRAY	0 58
REAR DOOR AREA	0 21	0 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES	CONTACT 6	CONTROL KNOBS & LEVERS	0 59
REAR HARDWARE	0 23	0 24	WINDSHIELD TOP MOLDINGS	3 49	GLOVE COMPARTMENT AREA	3 60
REAR ARMREST	0 25	0 26	LEFT A-PILLAR (UPPER OR LOWER)	0 50	INSTRUMENTS	0 61
REAR GLASS	0 27	0 28	RIGHT A-PILLAR (UPPER OR LOWER)	0 51	PARKING BRAKE RELEASE	0 62
ROOF SIDE RAIL	0 29	0 30	CENTER CONSOLE	0 52	PARKING BRAKE PEDAL	0 63
B-PILLAR	0 31	0 32	TRANSMISSION SELECTOR LEVER	0 53	A/C OR UPPER VENT OUTLETS	0 64
C-PILLAR	0 33	0 34	RIM, HORN, SPOKE	0 54	HEATER OR A/C DUCTS	0 65
D-PILLAR	8 35	8 36			RADIO	0 66
HEADLINING	0 37	3 38			OTHER: * _____	8 67
ROOF STRUCTURE	0 39	0 40	WINDSHIELD HEADER			
T-ROOF/SUN ROOF	8 41	8 42				
OTHER: * _____	8 43	8 44				
					REAR	
					WINDOW	0 68
					WINDOW HEADER	0 69
					CONSOLES	
					VERTICAL	0 70
					ROOF	8 71

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8
from the previous card.

Module S T Format 0 2
9 10 11 12

SEATS

ST-1

FRONT SEAT	DRIVER	PASSENR	FRONT SEAT-BACK	DRIVER	PASSENR
TYPE OF FRONT SEAT (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN	05 13 14	05 15 16	SEAT-BACK TYPE (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	3 30	3 31
TYPE OF SEAT MOUNT (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	1 17	1 18	SEAT-BACK LOCK TYPE (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	1 32	1 33
SWIVEL MECHANISM EQUIPPED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	0 19	0 20	LOCKS HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	1 34	1 35
ORIGINAL EQUIPMENT SEATS (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	1 21	1 22	RECLINER MECHANISM HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	1 36	1 37
CONTACT OF SEAT BY REAR OCCUPANT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	8 23	8 24			
FRONT SEAT DAMAGE (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN	0 25	0 26	HEAD RESTRAINT HEAD RESTRAINT TYPE (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	1 38	1 39
CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	0 27		REMOVED PRE-CRASH (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	0 40	0 41
FRONT SEAT ROTATION (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN	0 28	0 29	ADJUSTMENT AT CRASH (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN	2 42	2 43
			HEAD RESTRAINT DAMAGE (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN	0 44	0 45

FRONT SEAT ADJUSTMENT		DRIVER	PASSENGER	SECOND SEAT (CONT.)	
SEAT ADJUSTMENT TYPE (0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN		<u>2</u> 46	<u>1</u> 47	CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	
ADJUSTMENT PROVIDED (1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>3</u> 48	<u>1</u> 49	SECOND SEAT-BACK LOCKS FOR THE FOLLOWING, USE: (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
SEAT ADJUSTER DAMAGE (0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 50	<u>0</u> 51	LEFT OR CENTER, EQUIPPED (0) <u>0</u> 61	
SEAT ADJUSTER SEPARATION (0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 52	<u>8</u> 53	LEFT OR CENTER, HELD (3) SEAT FOLDED DOWN <u>8</u> 63	
PRE-CRASH POSITION (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> 54	<u>9</u> 55	RIGHT, EQUIPPED <u>8</u> 65	
				RIGHT, HELD (3) SEAT FOLDED DOWN <u>8</u> 67	
				THIRD SEAT	
SECOND SEAT TYPE OF SECOND SEAT (0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN		LEFT	RIGHT	EQUIPPED <u>0</u> 69	
				BACKREST DAMAGED <u>8</u> 71	
				CUSHION DAMAGED <u>8</u> 73	
SECOND SEAT DAMAGE (0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 56	<u>1</u> 57	VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS (0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN <i>Applies to any rear-seat position</i>	
		<u>0</u> 58	<u>0</u> 59	<u>0</u> 75	

Duplicate columns 1-8
from the previous card.Module A B Format 0 1
9 10 11 12

AIRBAG AB-1

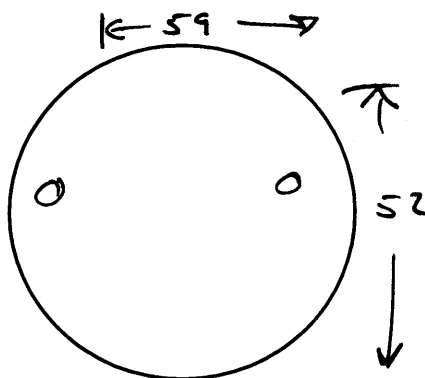
<p align="center">DRIVER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p align="center"><u>1</u> 13</p> <p align="center"><u>1</u> 14</p>	<p align="center">PASSENGER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p align="center"><u>1</u> 16</p> <p align="center"><u>1</u> 17</p>
<p>CONDITION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p align="center"><u>0</u> 15</p>	<p>CONDITION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p align="center"><u>0</u> 18</p>
<p align="center">DRIVER SIDE</p> <p>AIRBAG</p> <p>STEERING WHEEL</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p align="center"><u>1</u> 19</p> <p align="center"><u>0</u> 20</p>	<p align="center">PASSENGER SIDE</p> <p>AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p align="center"><u>0</u> 21</p> <p align="center"><u>0</u> 22</p>

AIRBAG NUMBER ON DRIVER SIDE:

[REDACTED]

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR
DAMAGE ON DIAGRAM BELOW:

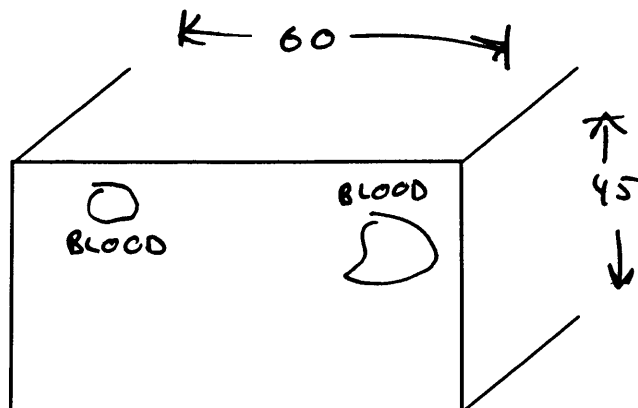
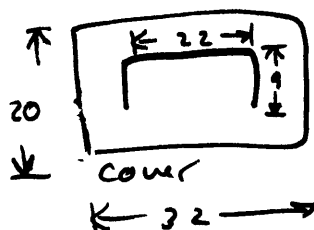
2 DENTS



AIRBAG NUMBER ON PASSENGER SIDE:

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR
DAMAGE ON DIAGRAM BELOW:

NO DENT



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8
from the previous card.Module 0 0 Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION OCCUPANT NUMBER <u>01</u> 13 14 ROLE OF OCCUPANT AT 1ST IMPACT <u>1</u> 15 (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN		PHYSICAL DESCRIPTION AGE IN YEARS <u>73</u> (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN AGE IN MONTHS <u>25</u> (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN MASS (kg) <u>170</u> (999) UNKNOWN HEIGHT (cm) <u>5'10"</u> (999) UNKNOWN SEX <u>1</u> (1) MALE (2) FEMALE (9) UNKNOWN		20 21 22 23 24 25 26 27 28 29 30
OCCUPANT POSITION ROW LOCATION <u>1</u> 16 (1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN LATERAL LOCATION <u>1</u> 17 (1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN POSTURE <u>10</u> 18 19 (10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN		MEDICAL CONDITIONS TREATMENT/MORTALITY <u>02</u> (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN INJURY SEVERITY SCORE (ISS) <u>3</u> (99) UNKNOWN NON-IMPACT MED. CONDITIONS <u>0</u> (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN		31 32 33 34 35

OCCUPANT INFORMATION OC-2

OCCUPANT INFORMATION OC-2					
MEDICAL CONDITIONS (CONT.) POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN		<div style="border: 1px solid black; width: 30px; height: 30px; margin: auto;"></div> <p>2 36</p>	CHILD SEAT TYPE (00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN CHILD SEAT MAKE/MODEL <hr/> <hr/> <hr/>		<div style="border: 1px solid black; padding: 5px;"> 88 <small>41 42</small> </div>
RESTRAINT SYSTEM ACTIVE RESTRAINT SYSTEM (0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN ACTIVE RESTRAINT SYSTEM USAGE (0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN PASSIVE RESTRAINT SYSTEM (0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN PASSIVE RESTRAINT SYSTEM USAGE (0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN		<div style="border: 1px solid black; width: 30px; height: 30px; margin: auto;"></div> <p>3 37</p> <div style="border: 1px solid black; width: 30px; height: 30px; margin: auto;"></div> <p>3 38</p> <div style="border: 1px solid black; width: 30px; height: 30px; margin: auto;"></div> <p>1 39</p> <div style="border: 1px solid black; width: 30px; height: 30px; margin: auto;"></div> <p>2 40</p>	EJECTION DEGREE OF EJECTION (0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED AREA OF EJECTION (01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED		<div style="border: 1px solid black; padding: 5px;"> 0 <small>43</small> </div> <div style="border: 1px solid black; padding: 5px;"> 98 <small>44 45</small> </div>
			IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW: <hr/> <hr/> <hr/> <hr/>		
			HEAD RESTRAINT HEAD RESTRAINT AVAILABLE FOR THIS POSITION (0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN		<div style="border: 1px solid black; padding: 5px;"> 1 <small>46</small> </div>

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER _____
- (8) NOT APPLICABLE
- (9) UNKNOWN

scratched

1
47

SOURCE OF INFORMATION

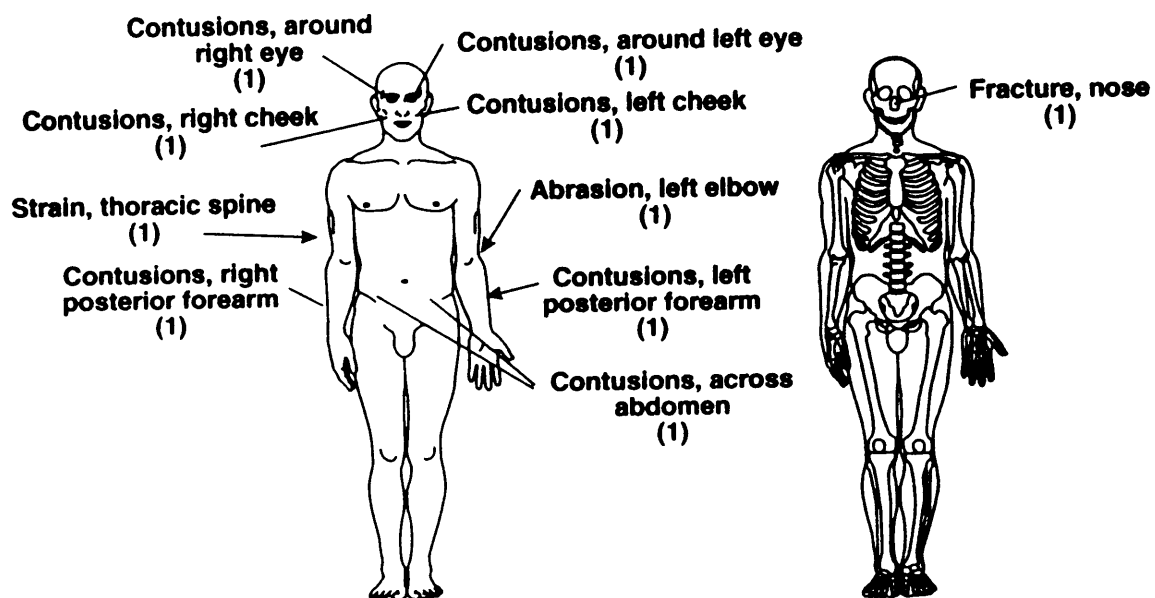
- ✓ (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER _____
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

0
48

BEST AVAILABLE COPY

OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.



NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

[illegible]

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

INJURY CLASSIFICATION IC-2

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

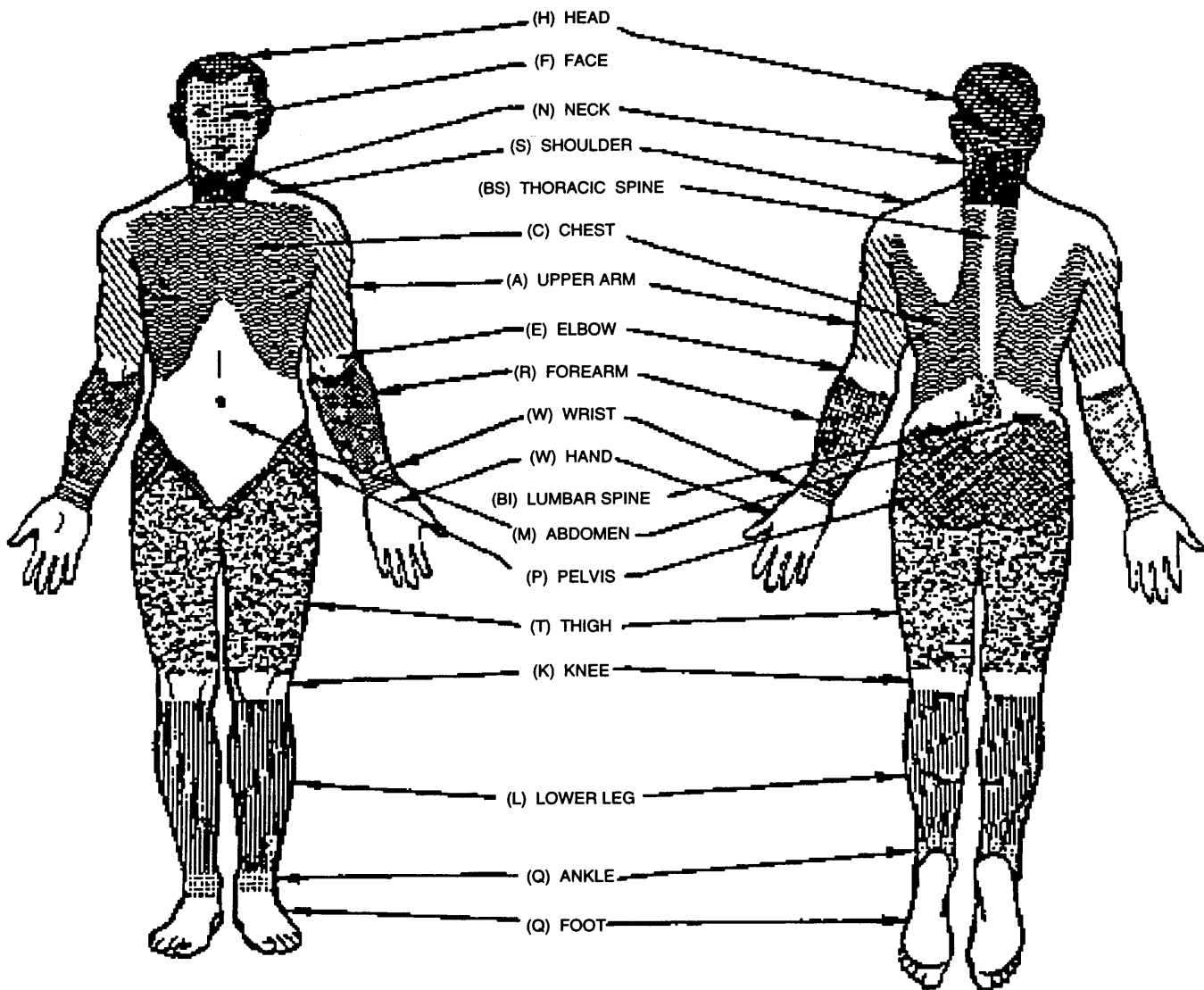
PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



INJURY CLASSIFICATION IC-4

CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION

(H) HEAD/SKULL
 (F) FACE
 (N) NECK
 (S) SHOULDER
 (X) UPPER EXTREMITIES
 (A) ARM (*UPPER*)
 (E) ELBOW
 (R) FOREARM
 (W) WRIST/HAND
 (C) CHEST
 (M) ABDOMEN
 (B) BACK
 (P) PELVIC/HIP
 (Y) LOWER EXTREMITIES
 (T) THIGH
 (K) KNEE
 (L) LEG (*LOWER*)
 (Q) ANKLE/FOOT
 (O) WHOLE BODY
 (U) UNKNOWN

3 LESION

(L) LACERATION
 (C) CONTUSION
 (A) ABRASION
 (F) FRACTURE
 (P) PERFORATION,
 PUNCTURE
 (K) CONCUSSION
 (V) AVULSION
 (R) RUPTURE
 (S) SPRAIN
 (D) DISLOCATION
 (N) CRUSH
 (M) AMPUTATION
 (B) BURN
 (G) DETACHMENT,
 SEPARATION
 (Z) FRACTURE AND
 DISLOCATION
 (T) STRAIN
 (E) TOTAL SEVERANCE,
 TRANSECTION
 (O) OTHER
 (U) UNKNOWN

4 SYSTEM/ORGAN

(S) SKELETAL
 (V) VERTEBRAE
 (J) JOINTS
 (D) DIGESTIVE
 (L) LIVER
 (N) NERVOUS SYSTEM
 (B) BRAIN
 (C) SPINAL CORD
 (E) EARS
 (O) EYES
 (A) ARTERIES
 (H) HEART
 (Q) SPLEEN
 (G) UROGENITAL
 (K) KIDNEYS
 (R) RESPIRATORY
 (P) PULMONARY/LUNGS
 (M) MUSCLES
 (T) THYROID, OTHER
 ENDOCRINE GLAND
 (I) INTEGUMENTARY (*SKIN*)
 (W) ALL SYSTEMS IN REGION
 (U) UNKNOWN

2 ASPECT

(R) RIGHT
 (L) LEFT
 (B) BILATERAL
 (C) CENTRAL
 (A) ANTERIOR/FRONT
 (P) POSTERIOR/BACK
 (S) SUPERIOR/UPPER
 (I) INFERIOR/LOWER
 (W) WHOLE REGION
 (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

5 SEVERITY
(OR "AIS", ABBREVIATED
INJURY SCALE)

(0) NONE
 (1) MINOR
 (2) MODERATE
 (3) SERIOUS
 (4) SEVERE
 (5) CRITICAL
 (6) MAXIMUM
 (9) UNKNOWN

Duplicate columns 1-8
from the previous card.Module Q C Format Q 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION OCCUPANT NUMBER <u>02</u> <small>13 14</small> ROLE OF OCCUPANT AT 1ST IMPACT <u>2</u> <small>15</small> (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN		PHYSICAL DESCRIPTION AGE IN YEARS <u>73</u> <small>20 21</small> (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN AGE IN MONTHS <u>25</u> <small>22 23</small> (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN MASS (kg) <u>138</u> <small>(999) UNKNOWN</small> HEIGHT (cm) <u>5'6</u> <small>(999) UNKNOWN</small> SEX <u>2</u> <small>30</small> (1) MALE (2) FEMALE (9) UNKNOWN	
OCCUPANT POSITION ROW LOCATION <u>1</u> <small>16</small> (1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN LATERAL LOCATION <u>5</u> <small>17</small> (1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN POSTURE <u>10</u> <small>18 19</small> (10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN		MEDICAL CONDITIONS TREATMENT/MORTALITY <u>04</u> <small>31 32</small> (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN INJURY SEVERITY SCORE (ISS) <u>21</u> <small>33 34</small> (99) UNKNOWN NON-IMPACT MED. CONDITIONS <u>0</u> <small>35</small> (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN	

OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.)

POLICE INJURY SEVERITY
CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
 (1) C - POSSIBLE INJURY
 (2) B - NON-INCAPACITATING
 (3) A - INCAPACITATING INJURY
 (4) K - FATAL
 (5) INJURED, SEVERITY UNKNOWN
 (6) DIED PRIOR TO IMPACT
 (7) NON-FATAL INJURY,
 SEVERITY UNKNOWN
 (9) UNKNOWN

3
36

CHILD SEAT TYPE

- (00) NONE USED
 (01) YES, USED
 (02) INTEGRAL, Chrysler Mini-van
 (88) NOT APPLICABLE
 (ADULT OR OLDER CHILD)
 (99) UNKNOWN

88
41 42

CHILD SEAT MAKE/MODEL

RESTRAINT SYSTEM

ACTIVE RESTRAINT SYSTEM

- (0) NONE
 (1) LAP BELT
 (2) SHOULDER HARNESS ONLY
 (3) BOTH LAP BELT &
 SHOULDER HARNESS
 (9) UNKNOWN

3
37

ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
 (1) LAP BELT ONLY
 (2) SHOULDER HARNESS ONLY
 (3) BOTH LAP BELT &
 SHOULDER HARNESS
 (7) IMPROPER USAGE
 (8) NOT APPLICABLE (NONE AVAILABLE)
 (9) UNKNOWN

0
38

PASSIVE RESTRAINT SYSTEM

- (0) NONE
 (1) AIR BAG INSTALLED
 (2) PASSIVE UPPER TORSO
 WITH KNEE BOLSTERS
 (3) PASSIVE UPPER TORSO
 WITHOUT KNEE BOLSTERS
 (4) PASSIVE LAP & UPPER TORSO
 (5) AIR BAG INSTALLED &
 PASSIVE RESTRAINT
 (7) OTHER: _____
 (9) UNKNOWN

1
39

PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
 (1) AIR BAG NOT DEPLOYED
 (2) AIR BAG DEPLOYED
 (3) AIR BAG NOT REINSTALLED
 (4) PASSIVE UPPER TORSO USED
 (5) PASSIVE LAP & UPPER TORSO USED
 (6) SYSTEM USED IN MANUAL MODE
 (7) IMPROPER USAGE
 (8) NOT APPLICABLE (NOT ORIGINALLY
 EQUIPPED)
 (9) UNKNOWN

2
40

EJECTION

DEGREE OF EJECTION

- (0) NONE
 (1) PARTIAL
 (2) COMPLETE
 (7) EJECTED, DEGREE UNKNOWN
 (9) UNKNOWN IF EJECTED

0
43

AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
 (02) WINDOW, RIGHT SIDE
 (03) WINDOW, REAR
 (04) DOOR, LEFT SIDE
 (05) DOOR, RIGHT SIDE
 (06) DOOR, REAR OR TAILGATE
 (07) WINDSHIELD
 (08) ROOF OR OPEN CONVERTIBLE OR
 FROM EXTERNAL AREA
 (96) EJECTED AREA UNKNOWN
 (97) OTHER AREA: _____
 (98) NOT APPLICABLE (NOT EJECTED)
 (99) UNKNOWN IF EJECTED

98
44 45IF OCCUPANT WAS EJECTED, DESCRIBE
IN DETAIL BELOW:

HEAD RESTRAINT

HEAD RESTRAINT AVAILABLE
FOR THIS POSITION

- (0) NOT EQUIPPED OR REMOVED
 (1) EQUIPPED
 (9) UNKNOWN

1
46

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER _____
- (8) NOT APPLICABLE
- (9) UNKNOWN

Broken

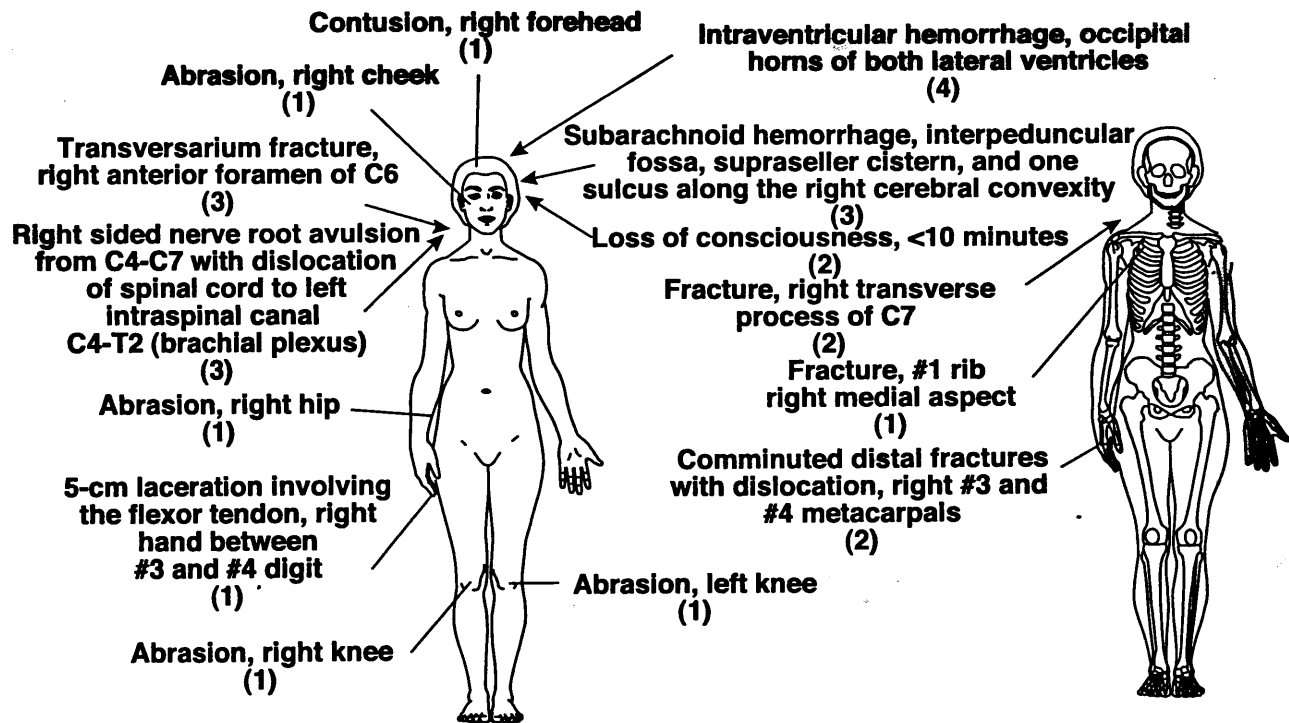
1
47

SOURCE OF INFORMATION

- /* (0) INTERVIEW
- /* (1) HOSPITAL
- (2) AUTOSPY
- (3) POLICE
- (4) OTHER _____
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

7
48

INDICATE LOCATION OF INJURIES.



Duplicate columns 1-8
from the previous card.

Module 1 C Format 0 1
9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

					PRIMARY OIC					ASSOCIATED OIC					COMMENTS
OCCUPANT NUMBER	INJURY NUMBER	PLACE CONTACTS IN ORDER OF PROBABILITY (HORIZONTALLY). START WITH MOST PROBABLE IN 1ST CONTACT AREA COLUMN.		AREA(S) OF POSSIBLE CONTACT 1ST 2ND	BODY REGION 1	ASPECT 2	LESION 3	SYSTEM/ORGAN 4	SEVERITY 5	BODY REGION 1	ASPECT 2	LESION 3	SYSTEM/ORGAN 4	SEVERITY 5	
		17-18	19-20												
13-14	15-16	17-18	19-20	COMMENTS	21	22	23	24	25	26	27	28	29	30	
02	01	10	87	LOC	H	R	U	B	4	—	—	—	—	—	
	02	10	87		H	R	U	B	3	—	—	—	—	—	
	03	10	87		H	W	K	B	2	—	—	—	—	—	
	04	10	87		F	S	C	I	1	—	—	—	—	—	
	05	10	87		F	R	A	I	1	—	—	—	—	—	
	06	10	87		N	P	V	N	3	—	—	—	—	—	
	07	10	87		N	P	F	S	2	—	—	—	—	—	
	08	10	87		N	P	F	S	2	—	—	—	—	—	
	09	87	41		C	R	F	S	1	—	—	—	—	—	
	10	87	47		W	R	Z	J	2	—	—	—	—	—	
	11	87	47		W	R	L	J	1	—	—	—	—	—	
	12	43	—		P	R	A	I	1	—	—	—	—	—	
	13	02	—		K	L	A	I	1	—	—	—	—	—	
	14	02	—		K	R	A	I	1	—	—	—	—	—	
	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—		

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (*X*)
- (55) MIDDLE INSTRUMENT PANEL (*Y*)
- (56) LOWER INSTRUMENT PANEL (*Z*)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

PENETRATING OBJECTS

- (81) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Casey, R. 2003. *1998*. *1999*. *2000*. *2001*. *2002*. *2003*. *2004*. *2005*. *2006*. *2007*. *2008*. *2009*. *2010*. *2011*. *2012*. *2013*. *2014*. *2015*. *2016*. *2017*. *2018*. *2019*. *2020*. *2021*. *2022*. *2023*. *2024*. *2025*. *2026*. *2027*. *2028*. *2029*. *2030*. *2031*. *2032*. *2033*. *2034*. *2035*. *2036*. *2037*. *2038*. *2039*. *2040*. *2041*. *2042*. *2043*. *2044*. *2045*. *2046*. *2047*. *2048*. *2049*. *2050*. *2051*. *2052*. *2053*. *2054*. *2055*. *2056*. *2057*. *2058*. *2059*. *2060*. *2061*. *2062*. *2063*. *2064*. *2065*. *2066*. *2067*. *2068*. *2069*. *2070*. *2071*. *2072*. *2073*. *2074*. *2075*. *2076*. *2077*. *2078*. *2079*. *2080*. *2081*. *2082*. *2083*. *2084*. *2085*. *2086*. *2087*. *2088*. *2089*. *2090*. *2091*. *2092*. *2093*. *2094*. *2095*. *2096*. *2097*. *2098*. *2099*. *2100*. *2101*. *2102*. *2103*. *2104*. *2105*. *2106*. *2107*. *2108*. *2109*. *2110*. *2111*. *2112*. *2113*. *2114*. *2115*. *2116*. *2117*. *2118*. *2119*. *2120*. *2121*. *2122*. *2123*. *2124*. *2125*. *2126*. *2127*. *2128*. *2129*. *2130*. *2131*. *2132*. *2133*. *2134*. *2135*. *2136*. *2137*. *2138*. *2139*. *2140*. *2141*. *2142*. *2143*. *2144*. *2145*. *2146*. *2147*. *2148*. *2149*. *2150*. *2151*. *2152*. *2153*. *2154*. *2155*. *2156*. *2157*. *2158*. *2159*. *2160*. *2161*. *2162*. *2163*. *2164*. *2165*. *2166*. *2167*. *2168*. *2169*. *2170*. *2171*. *2172*. *2173*. *2174*. *2175*. *2176*. *2177*. *2178*. *2179*. *2180*. *2181*. *2182*. *2183*. *2184*. *2185*. *2186*. *2187*. *2188*. *2189*. *2190*. *2191*. *2192*. *2193*. *2194*. *2195*. *2196*. *2197*. *2198*. *2199*. *2200*. *2201*. *2202*. *2203*. *2204*. *2205*. *2206*. *2207*. *2208*. *2209*. *2210*. *2211*. *2212*. *2213*. *2214*. *2215*. *2216*. *2217*. *2218*. *2219*. *2220*. *2221*. *2222*. *2223*. *2224*. *2225*. *2226*. *2227*. *2228*. *2229*. *2230*. *2231*. *2232*. *2233*. *2234*. *2235*. *2236*. *2237*. *2238*. *2239*. *2240*. *2241*. *2242*. *2243*. *2244*. *2245*. *2246*. *2247*. *2248*. *2249*. *2250*. *2251*. *2252*. *2253*. *2254*. *2255*. *2256*. *2257*. *2258*. *2259*. *2260*. *2261*. *2262*. *2263*. *2264*. *2265*. *2266*. *2267*. *2268*. *2269*. *2270*. *2271*. *2272*. *2273*. *2274*. *2275*. *2276*. *2277*. *2278*. *2279*. *2280*. *2281*. *2282*. *2283*. *2284*. *2285*. *2286*. *2287*. *2288*. *2289*. *2290*. *2291*. *2292*. *2293*. *2294*. *2295*. *2296*. *2297*. *2298*. *2299*. *2300*. *2301*. *2302*. *2303*. *2304*. *2305*. *2306*. *2307*. *2308*. *2309*. *2310*. *2311*. *2312*. *2313*. *2314*. *2315*. *2316*. *2317*. *2318*. *2319*. *2320*. *2321*. *2322*. *2323*. *2324*. *2325*. *2326*. *2327*. *2328*. *2329*. *2330*. *2331*. *2332*. *2333*. *2334*. *2335*. *2336*. *2337*. *2338*. *2339*. *2340*. *2341*. *2342*. *2343*. *2344*. *2345*. *2346*. *2347*. *2348*. *2349*. *2350*. *2351*. *2352*. *2353*. *2354*. *2355*. *2356*. *2357*. *2358*. *2359*. *2360*. *2361*. *2362*. *2363*. *2364*. *2365*. *2366*. *2367*. *2368*. *2369*. *2370*. *2371*. *2372*. *2373*. *2374*. *2375*. *2376*. *2377*. *2378*. *2379*. *2380*. *2381*. *2382*. *2383*. *2384*. *2385*. *2386*. *2387*. *2388*. *2389*. *2390*. *2391*. *2392*. *2393*. *2394*. *2395*. *2396*. *2397*. *2398*. *2399*. *2400*. *2401*. *2402*. *2403*. *2404*. *2405*.

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Abstract



PN 16200 #1



PN 16200 #2



PN 16200 #3



PN 16200 #4



PN 16200 #5



PN 16200 #8



PN 16200 #7



PN 16200 #8



PN 16200 #9
Best Available



PN 16200 #10



PN 16200 #11



PN 16200 #12
Best Available



PN 16200 #13
Best Available



PN 16200 #14
Best Available



PN 18200 #15
Best Available



PN 16200#16



PN 16200 #17



PN 16200-#18



PN 16200 #19
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PN 16200 #20
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PN 16200 #21
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PN 16200 #22
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PN 16200 #23
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PN 16200 #24
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PN 16200 #25



PN 16200 #26



PN 16200 #27



PN 16200 #28



PN 16200 #29



PN 16200 #30
Best Available



PN 16200 #31



PN 16200 #32



PN 16200 #33



PN 16200 #34



PN 16200 #35



PN 16200 #36



PN 16200 #37



PN 16200 #38



PN 16200 #39



PN 16200 #40



PN 16200 #41



PN 16200 #42



PN 16200 #43



PN 16200 #44



PN 16200 #45

CASE NO.: 16200

CASE VEHICLE: 1998 Toyota

TYPE: Entry LE, 4-door sedan

OCCUPANT: Driver 73-year-old male

STATURE: 178 cm (5 ft 10 in) WEIGHT: 77 kg (170 lb)

RESTRAINTS: 3-point belt worn, airbag deployed

SEVERITY: AIS1 = 3 AIS2 = 3



CASE NO.: 162-00
CASE VEHICLE: 1999 Toyota
TYPE: Carry LE, 4-door sedan

OCCUPANT: Right front 73-year-old female
STATURE: 163 cm (5 ft, 4 in) WEIGHT: 83 kg (183 lb)
RESTRAINTS: 3-point belt not worn, air bag deployed
SEVERITY: head - 4 chest - 21

